



# DataSheet

**CATALOGUE #:** 3HP16

**PRODUCT NAME:** Monoclonal mouse anti-human papilloma virus (HPV), type 16, oncoprotein E7

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**MAbs *in vitro*:** 716-332cc, 716-D1cc

Mouse monoclonal antibody produced in bioreactor. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.

**MAbs *in vivo*:** 716-325

Mouse monoclonal antibody produced in ascites. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.

**Immunogen:** HPV oncoprotein E7, type 16

**Specificity:** MAb 716-325:  
HPV oncoprotein E7, type 16 (both monomer and dimer forms according to WB)  
MAbs 716-332cc, 716-D1cc:  
HPV oncoprotein E7, types 16 and 18 (both monomer and dimer forms according to WB)

**MAb isotypes:** IgG2a for 716-332cc, 716-D1cc, 716-325

**Applications:** Recommended pair for sandwich immunoassay (capture-detection):  
716-D1cc – 716-332cc

All MAbs are suitable for Western blotting.

**Purification:** Protein A chromatography for 716-332cc, 716-D1cc  
Protein G chromatography for 716-325

**Presentation:** PBS, pH 7.4, 0.09 % sodium azide (NaN<sub>3</sub>) for 716-332cc, 716-D1cc  
PBS, pH 7.2, 0.09 % sodium azide (NaN<sub>3</sub>) for 716-325

**Storage:** +4 °C (+2 ... +8 °C allowed)

**Material safety note:** This product is sold **for research or further manufacturing use only**. Standard Laboratory Practices should be followed when handling this material.

Product contains sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.

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